Amendments to the Claims:

1	1.	(previously presented) A method of efficiently transmitting media information
2		associated with two or more concurrent calls carried in a packet-switched network, the
3		method comprising the computer-implemented steps of:
4		aggregating two or more media packets from the two or more concurrent calls
5		originating from one or more source end points into an aggregated media
6		payload;
7		re-packetizing the aggregated media payload using a single aggregated header to form
8		an aggregated media packet;
9		forwarding the aggregated media packet to a next hop in the packet-switched network
10		in response to either one of
11		(a) a timer reaching a non-zero maximum allowed delay time value, or
12		(b) the aggregated media packet containing a specified number of Real-Time
13		Protocol segments, wherein the specified number is variable according
14		to user input.
1	2.	(currently amended) The method of Claim [[1]] 15, further comprising de-aggregating
2		the aggregated media payload for one or more destination endpoints by separating the
3		aggregated media payload to result in creating and sending restored copies of the two
4	•	or more media packets, wherein each media packet corresponds to one of the two or
5		more concurrent calls.
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1	3.	(currently amended) The method of Claim [[1]] 15, wherein aggregating the two or
2		more media packets comprises compressing one or more headers of each media
3		packet.
1	4.	(original) The method of Claim 1, wherein the two or more media packets are Real-
2		Time Protocol (RTP) packets.
1	5.	(currently amended) The method of Claim [[4]] 15, wherein the step of aggregating
2		two or more media packets further comprises the steps of:
3		compressing an IP header and a UDP header of each RTP packet to form a
4		corresponding uncompressed RTP segment; and
5		encapsulating the two or more uncompressed RTP segments with the single
6		aggregated header.
1	6.	(currently amended) The method of Claim [[4]] 21, wherein the step of aggregating
2		two or more media packets further comprises the steps of:
3		compressing an IP header, a UDP header, and an RTP header of each RTP packet to
4		form a corresponding compressed RTP segment; and
5		encapsulating the two or more compressed RTP segments with the single aggregated
6		header.
1	7.	(previously presented) The method of Claim 1, wherein the step of aggregating the
2		two or more media packets further comprises forming the aggregated media payload
3		according to an aggregation protocol for aggregating the two or more media packets.

8. (currently amended) The method of Claim [[7]] 15, wherein the aggregation protocol comprises forming the aggregated media payload based on an aggregated media

packet format for each aggregated media packet wherein the aggregated media packet

4 format comprises a version field indicating a version of the aggregation protocol.

- 9. (currently amended) The method of Claim [[7]] 15, wherein the aggregation protocol comprises forming the aggregated media payload based on an aggregated media packet format for each aggregated media packet wherein the aggregated media packet format comprises a placeholder field that reserves packet space for future use.
- 1 10. (currently amended) The method of Claim [[7]] 15, wherein the aggregation protocol
 2 comprises forming the aggregated media payload based on an aggregated media
 3 packet format for each aggregated media packet wherein the aggregated media packet
 4 format comprises a sequence number field that is incremented for each aggregated
 5 media packet and is used to detect media packet loss.
- 1 11. (currently amended) The method of Claim [[7]] 15, wherein the aggregation protocol
 comprises forming the aggregated media payload based on an aggregated media
 packet format for each aggregated media packet wherein the aggregated media packet
 format comprises a trunk ID field that uniquely identifies a corresponding trunk.
- 1 12. (currently amended) The method of Claim [[7]] 15, wherein the aggregation protocol
 2 further comprises forming the aggregated media payload based on an uncompressed
 3 Real-Time Protocol segment format for each uncompressed Real-Time Protocol

4		segment of the two or more media packets that comprises a context ID field indicating
5		a session context ID for the uncompressed Real-Time Protocol segment.
1	13.	(currently amended) The method of Claim [[7]] 15, wherein the aggregation protocol
2		further comprises forming the aggregated media payload based on an uncompressed
3		Real-Time Protocol segment format for each uncompressed Real-Time Protocol
4		segment of the two or more media packets that comprises a compression bit indicating
5		whether the uncompressed Real-Time Protocol segment is uncompressed.
1	14.	(currently amended) The method of Claim [[7]] 15, wherein the aggregation protocol
2		further comprises forming the aggregated media payload based on an uncompressed
3		Real-Time Protocol segment format for each uncompressed Real-Time Protocol
4		segment of the two or more media packets that comprises a placeholder field for
5		future use.
1	15.	(currently amended) A method of efficiently transmitting media information
2		associated with two or more concurrent calls carried in a packet-switched network, the
3		method comprising the computer-implemented steps of:
4		aggregating, according to an aggregation protocol, two or more media packets from
5		the two or more concurrent calls originating from one or more source end
6		points into an aggregated media payload;
7		re-packetizing the aggregated media payload using a single aggregated header to form
8		an aggregated media packet;
9		forwarding the aggregated media packet to a next hop in the packet-switched network;
10		wherein the aggregation protocol further comprises forming the aggregated media
11		payload based on an uncompressed Real-Time Protocol segment format for

each uncompressed Real-Time Protocol segment of the two or more media 12 packets, that wherein the aggregated media payload comprises a Real-Time 13 14 Protocol header extension bit indicating whether a Real-Time Protocol header 15 extension appears in the uncompressed Real-Time Protocol segment. 1 16. (currently amended) The method of Claim [[7]] 15, wherein the aggregation protocol 2 further comprises forming the aggregated media payload based on an uncompressed Real-Time Protocol segment format for each uncompressed Real-Time Protocol 3 4 segment of the two or more media packets that includes a full length field containing a 5 length of a Real-Time Protocol packet that corresponds to the uncompressed Real-6 Time Protocol segment. 1 17. (currently amended) The method of Claim [[7]] 15, wherein the aggregation protocol 2 further comprises forming the aggregated media payload based on an uncompressed 3 Real-Time Protocol segment format for each uncompressed Real-Time Protocol 4 segment of the two or more media packets that comprises a Real-Time Protocol 5 payload and a Real-Time Protocol header corresponding to a Real-Time Protocol 6 packet that in turn corresponds to the uncompressed Real-Time Protocol segment. 18. 1 (currently amended) The method of Claim [[7]] 15, wherein the aggregation protocol 2 further comprises forming the aggregated media payload based on an uncompressed 3 Real-Time Protocol segment format for each uncompressed Real-Time Protocol segment of the two or more media packets that comprises a padding field that aligns 4 5 an end of the uncompressed Real-Time Protocol segment with a next four-byte 6 boundary.

I	19.	(currently amended) The method of Claim [[/]] 21, wherein the aggregation protocol
2		further comprises forming the aggregated media payload based on a compressed Real-
3		Time Protocol segment format for each compressed Real-Time Protocol segment of
4		the two or more media packets that comprises a context ID field indicating a session
5		context ID for the compressed Real-Time Protocol segment.
1	20.	(currently amended) The method of Claim [[7]] 21, wherein the aggregation protocol
2		further comprises forming the aggregated media payload based on a compressed Real-
3		Time Protocol segment format for each compressed Real-Time Protocol segment of
4		the two or more media packets that comprises a compression bit indicating whether
5		the Real-Time Protocol segment is compressed.
1	21.	(currently amended) A method of efficiently transmitting media information
2		associated with two or more concurrent calls carried in a packet-switched network, the
3		method comprising the computer-implemented steps of:
4		aggregating, according to an aggregation protocol, two or more media packets from
5		the two or more concurrent calls originating from one or more source end
6		points into an aggregated media payload;
7		re-packetizing the aggregated media payload using a single aggregated header to form
8		an aggregated media packet;
9		forwarding the aggregated media packet to a next hop in the packet-switched network;
10		wherein the aggregation protocol further comprises forming the aggregated media
11		payload based on a compressed Real-Time Protocol segment format for each
12		compressed Real-Time Protocol segment of the two or more media packets,
13		that wherein the aggregated media payload comprises a Real-Time Protocol

14 header extension bit indicating whether a Real-Time Protocol header extension 15 appears in the compressed Real-Time Protocol segment. 1 22. (currently amended) The method of Claim [[7]] 21, wherein the aggregation protocol 2 further comprises forming the aggregated media payload based on a compressed Real-3 Time Protocol segment format for each compressed Real-Time Protocol segment of the two or more media packets that comprises a Real-Time Protocol header marker 4 5 bit. (currently amended) The method of Claim [[7]] 21, wherein the aggregation protocol 1 23. 2 further comprises forming the aggregated media payload based on a compressed Real-3 Time Protocol segment format for each compressed Real-Time Protocol segment of 4 the two or more media packets that comprises a length field containing a length of a 5 Real-Time Protocol payload of a Real-Time Protocol packet of the compressed Real-6 Time Protocol segment. 1 24. (currently amended) The method of Claim [[7]] 21, wherein the aggregation protocol 2 further comprises forming the aggregated media payload based on a compressed Real-3 Time Protocol segment format for each compressed Real-Time Protocol segment of 4 the two or more media packets that comprises a sequence number field carrying a 5 Real-Time Protocol header sequence number. 1 25. (currently amended) The method of Claim [[7]] 21, wherein the aggregation protocol 2 further comprises forming the aggregated media payload based on a compressed Real-3 Time Protocol segment format for each compressed Real-Time Protocol segment

4	wherein the compressed Real-Time Protocol segment format comprises a timestamp
5	field carrying a Real-Time Protocol header timestamp.

- 1 26. (original) The method of Claim 7, wherein the aggregation protocol further comprises
 2 forming the aggregated media payload based on a compressed Real-Time Protocol
 3 segment format for each compressed Real-Time Protocol segment of the two or more
 4 media packets that comprises a Real-Time Protocol payload of a Real-Time Protocol
 5 packet that corresponds to the compressed Real-Time Protocol segment.
- (currently amended) The method of Claim [[7]] 21, wherein the aggregation protocol further comprises forming the aggregated media payload based on a compressed Real-Time Protocol segment of the two or more media packets that comprises a padding field that aligns an end of the compressed Real-Time Protocol segment with a next boundary.
- 1 28. (original) The method of Claim 1, wherein the two or more media packets are 2 received while traversing a common sub-route.
- 1 29. (canceled)
- 1 30. (canceled)
- 1 31. (previously presented) A method of efficiently transmitting media information
 2 associated with two or more concurrent calls carried in a packet-switched network, the
 3 method comprising the computer-implemented steps of:

4		aggregating two or more media packets from the two or more concurrent calls
5		originating from one or more source end points into an aggregated media
6		payload;
7		re-packetizing the aggregated media payload using a single aggregated header to form
8		an aggregated media packet;
9		forwarding the aggregated media packet to a next hop in the packet-switched network
10		when a non-zero maximum allowed delay time value is reached.
1	32.	(previously presented) The method of Claim 1, further comprising:
2		using the maximum allowed delay time value for forwarding the aggregated media
3		packet;
4		starting a count down for the maximum allowed delay time value when a first media
5		packet arrives for aggregation; and
6		aggregating subsequent media packets that arrive before the maximum allowed delay
7		time value is reached.
1	33.	(previously presented) An apparatus for transmitting media information associated
2		with two or more concurrent calls carried in a packet-switched network, the apparatus
3		comprising:
4		means for aggregating two or more media packets from one or more source endpoints
5		into an aggregated media payload;
6		means for re-packetizing the aggregated media payload using a single aggregated
7		header to form an aggregated media packet; and
8		means for forwarding the aggregated media packet to a next hop in the packet-
9		switched network in response to either one of

10		(a) a timer reaching a non-zero maximum allowed delay time value, or
11		(b) the aggregated media packet containing a specified number of Real-Time
12		Protocol segments, wherein the specified number is variable according
13		to user input.
1	34.	(previously presented) An apparatus for transmitting media information associated
2		with two or more concurrent calls carried in a packet-switched network, the apparatus
3		comprising:
4		one or more processors coupled to an aggregator for aggregating two or more media
5		packets into an aggregated media packet;
6		a memory accessible to the one or more processors; and
7		one or more sequences of instructions stored in the memory which, when executed by
8		the one or more processors, cause the one or more processors to carry out the
9		steps of:
10		aggregating two or more media packets from one or more source endpoints
11		into an aggregated media payload;
12		re-packetizing the aggregated media payload using a single aggregated header
13		to form the aggregated media packet; and
14		forwarding the aggregated media packet to a next hop in the packet-switched
15		network in response to either one of
16		(a) a timer reaching a non-zero maximum allowed delay time value, or
17		(b) the aggregated media packet containing a specified number of Real-
18		Time Protocol segments, wherein the specified number is
19		variable according to user input.

1	35.	(previously presented) A computer-readable medium comprising one or more
2		sequences of instructions for efficiently transmitting media information associated
3		with two or more concurrent calls carried in a packet-switched network, which the
4		sequences of instructions, when executed by one or more processors, cause the one or
5		more processors to carry out the steps of:
6		aggregating two or more media packets from the two or more concurrent calls
7		originating from one or more source end points into an aggregated media
8		payload;
9		re-packetizing the aggregated media payload using a single aggregated header to form
10		an aggregated media packet;
11		forwarding the aggregated media packet to a next hop in the packet-switched network
12		in response to either one of
13		(a) a timer reaching a non-zero maximum allowed delay time value, or
14		(b) the aggregated media packet containing a specified number of Real-Time
15		Protocol segments, wherein the specified number is variable according
16		to user input.